

## EAST Search History

| Ref # | Hits | Search Query        | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---------------------|--|------------------|---------|------------------|
| L1    | 1406 | (711/141).CCLS.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/13 08:46 |
| S1    | 2    | ("6871268").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/13 08:46 |
| S2    | 2    | ("6981098").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/10 16:53 |
| S3    | 2    | ("20050108298").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/10 16:54 |
| S4    | 2    | ("20050108191").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/11 15:36 |
| S5    | 2    | ("6385694").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/11 15:37 |
| S6    | 2    | ("6347363").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/11 15:38 |
| S7    | 2    | ("6073212").PN.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/02/11 15:39 |

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|     |     |  |  |    |     |                  |
|-----|-----|--|--|----|-----|------------------|
| S8  | 29  | ("5155828"   "5155832"   "5303362"   "5369753"   "5386547"   "5398325"   "5432918"   "5524233"   "5542062"   "5564035"   "5577227"   "5581725"   "5603004"   "5651135"   "5671231"   "5696936"   "5717890"   "5943686").PN. OR ("6073212").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | ON  | 2006/02/11 15:40 |
| S9  | 2   | ("6065101").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/11 15:41 |
| S10 | 2   | ("6012127").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/11 15:41 |
| S11 | 16  | ("5025365"   "5265232"   "5404489"   "5446863"   "5604882"   "5608878").PN. OR ("6012127").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | ON  | 2006/02/11 15:42 |
| S12 | 2   | ("5265232").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/11 15:42 |
| S13 | 61  | ("5265232").URPN.  | USPAT  | OR | ON  | 2006/02/13 10:02 |
| S14 | 2   | ("5497480").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/13 11:21 |
| S15 | 2   | ("20050108481").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/02/13 16:59 |
| S16 | 815 | "cache consistency"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/02/13 16:59 |

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|     |      |  |  |    |    |                  |
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| S17 | 4149 | "cache coherency"                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/13 16:59 |
| S18 | 38   | "cache coherency" with "multi node\$"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/13 17:00 |
| S19 | 0    | S18 and "heartbeat\$"                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/13 17:01 |
| S20 | 0    | S18 and "heart beat\$"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/13 17:01 |
| S21 | 2    | S17 and "heart beat\$"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/13 17:01 |
| S22 | 4    | S16 and "heart beat\$"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/14 09:14 |
| S23 | 125  | "heart beat message\$"                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/14 09:35 |
| S24 | 0    | "heart beat message\$" with "multi node\$" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/14 09:15 |

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| S25 | 5  | S23 and "multi node\$"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/02/14 09:15 |
| S26 | 29 | ("5155828"   "5155832"   "5303362"<br>  "5369753"   "5386547"  <br>"5398325"   "5432918"   "5524233"<br>  "5542062"   "5564035"  <br>"5577227"   "5581725"   "5603004"<br>  "5651135"   "5671231"  <br>"5696936"   "5717890"  <br>"5943686").PN. OR ("6073212").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                 | OR | ON | 2006/02/14 09:17 |
| S27 | 2  | "20050108481"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10 16:18 |
| S28 | 60 | "consistency" near "policy\$"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10 16:20 |
| S29 | 88 | "coherency" near "policy\$"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10 16:19 |
| S30 | 0  | S28 and "storege"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10 16:20 |
| S31 | 49 | S28 and "storage"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10 16:20 |
| S32 | 47 | S28 and "object"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/08/10 16:20 |

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| S33 | 41 | S31 and S32  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/10 16:20 |
| S34 | 6  | ("consistency" near "policy\$") near<br>"object\$" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/08/10 16:41 |
| S35 | 2  | ("6202132").PN.                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/11 09:13 |
| S36 | 2  | ("20030172236").PN.                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/11 09:14 |

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**multi-node** clusters due to their transactional characteristics. .... Also, **cache coherency** is a different issue from locking an entity for a period of time ...

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this problem, the MM monitors **heart beat** messages from. merchants to check the status of .... ularly used as **cache consistency** mechanisms in the Internet ...

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The described method is not applicable to a distributed **multi-node** ... The node failure is preferably detected using a **heart-beat** monitoring technique. ...

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they can interrupt the **consistency** of the stored data. Oracle cluster database ..... place and **Cache Coherency** is maintained by GCS. ...

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If you do not use Hardware Address Takeover, the ARP **cache** of clients can be updated ..... Important: In a **multi-node** cluster, do not synchronize the node ...

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Likewise, the DIS "**heart beat**" or replay of static entity state ..... currently being implemented and demonstrated in turn culminating a **multi-node** network. ...

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emphasize latency-hiding mechanisms including distributed-directory **cache** coherence, instruction. and data prefetching, relaxed memory **consistency**, ...

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the requesting processor and gives the whole system a **cache-coherent** ..... **Multi-node** initialization starting synchronization ...

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IBM Tivoli Directory Server helps maintain **consistency** in references to objects that .....

Configuring security manually for **multi-node** deployments ...

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IEEE CNF IEEE Conference Proceeding

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IEEE STD IEEE Standard

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beat~<in>metadata )

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